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CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

JANUARY 1984

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(All figures in text are in seasonally adjusted current dollars)

SUMMARY. New orders for manufactured goods in January increased \$2.2 billion or 1.2 percent from December to \$190.7 billion. New orders in the durable goods sector were up \$2.7 billion or 2.7 percent, more than offsetting the \$0.5 billion or 0.5 percent decline in the nondurable goods sector. New orders for durable goods were originally reported up 1.1 percent. Shipments of manufactured goods in January declined \$1.2 billion or 0.6 percent to \$185.5 billion, reflecting declines in both the durable and nondurable goods sectors.

The level of unfilled orders held by manufacturers at the end of January was \$339.5 billion, up \$5.2 billion or 1.6 percent from December. Increases of more than 1 percent were widespread throughout the industries. The book value of manufacturers' inventories at the end of January was \$260.9 billion, showing virtually no change from December. Inventories have remained around the \$260 billion level since the end of 1982 when they were estimated at \$265 billion. During that time the inventory to shipments ratio dropped from 1.71 in December 1982 to 1.40 in December 1983, but rose slightly in January to 1.41.

NEW ORDERS. The increase in manufacturers' new orders in January resulted mostly from a large increase in the primary metals industry. Steel manufacturers showed an order increase of \$2.1 billion or 57 percent to \$5.8 billion, following a 20 percent decline in December. Smaller increases were reported in the fabricated metals, nonelectrical machinery and transportation equipment industries.

New orders for capital goods in January declined \$1.7 billion or 5.1 percent to \$32.0 billion. Orders for defense capital goods declined \$2.3 billion or 26 percent to \$6.6 billion following two months in which new orders were valued between \$8 and \$9 billion. New orders for nondefense capital goods increased \$0.6 billion or 2.3 percent to \$25.4 billion. New orders for nondefense capital goods have averaged about \$25 billion per month since last September.

SHIPMENTS. The decline in shipments of manufactured goods in January in the durable goods sector of \$0.4 billion or 0.4 percent to \$95.8 billion resulted from offsetting movements in specific industries. Shipments of primary metals declined \$0.9 billion or 7.6 percent to \$10.7 billion, the first decrease in the series in nearly a year. Shipments of nonelectrical machinery

declined \$0.7 billion or 4.0 percent to \$16.2 billion. Shipments of transportation equipment were up \$0.9 billion or 4.1 percent to \$24.2 billion, with the motor vehicles and parts industry increasing \$1.8 billion or 11.6 percent to \$17.0 billion. Shipments by this industry have gone up over 30 percent during the last 3 months. Aircraft and shipbuilding both showed declines in January.

The decline in shipments of nondurable goods in January resulted mostly from large decreases in the petroleum product and tobacco industries. Shipments of petroleum products dropped \$1.3 billion or 8.1 percent to \$15.0 billion. The value of petroleum product shipments peaked in February 1981 at \$19.0 billion before declining to a low last February of \$14.0 billion. During the rest of 1983 shipments averaged about \$16 billion per month. Shipments in the tobacco industry declined \$0.8 billion or 37 percent to \$1.3 billion in January following a 23 percent increase last month.

UNFILLED ORDERS. The increase in unfilled orders at the end of January of \$5.2 billion reflected increases in the primary metals industry of \$2.0 billion, the transportation industry of \$1.6 billion, the electrical machinery industry of \$0.8 billion and the nonelectrical machinery industry of \$0.6 billion. Unfilled orders for the capital goods industries as a group increased \$1.9 billion or 0.8 percent to \$237.5 billion, with the defense and nondefense categories each increasing 0.8 percent.

INVENTORIES. The value of manufacturers' inventories has remained virtually unchanged in nearly a year. A sustained reduction in inventories occurred between November 1981 and March 1983 declining from \$284.3 billion to \$257.3 billion. Since then the value has averaged about \$260 billion. Finished goods inventories which in November 1981 were estimated at \$90 billion have since declined to the January 1984 level of \$80.3 billion. Raw material inventories declined from \$96.1 billion in November 1981 to a low last March of \$84.8 billion; since then raw materials inventories have increased to \$89.3 billion.

SCHEDULED RELEASE DATES. The advance report on durable goods for February is scheduled for release on March 22, 1984 at 8:30 A.M. and the full report on March 30, 1984 at 10:00 A.M.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Swindell-Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

		(Millions of dollars)													
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹						
		Monthly				Percent change			Monthly				Year to date		
		Jan. 1984 ^P	Dec. 1983 ^T	Nov. 1983	Oct. 1983	Dec.- Jan. ^P	Nov.- Dec. ^T	Oct.- Nov.	Jan. 1984 ^P	Dec. 1983 ^T	Nov. 1983	Oct. 1983	1984 ^P	1983	
	All manufacturing industries	185,498	186,676	181,084	176,790	-0.6	+3.1	+2.4	171,781	180,260	180,271	183,314	171,781	146,613	
	Manufacturing industries with unfilled orders.....	96,530	97,916	94,376	91,245	-1.4	+3.8	+3.4	88,246	95,876	94,198	94,742	88,246	74,244	
	Durable goods industries.....	95,756	96,152	92,246	88,228	-0.4	+4.2	+4.6	86,469	92,543	91,761	92,878	86,469	69,982	
	With unfilled orders.....	76,485	78,017	74,915	72,046	-2.0	+4.1	+4.0	69,407	76,706	74,559	74,763	69,407	57,824	
32	Stone, clay, and glass products.	4,446	4,202	4,350	4,200	+5.8	-3.4	+3.6	3,721	3,743	4,296	4,530	3,721	3,368	
322	Glass containers.....	373	378	386	398	-1.3	-2.1	-3.0	338	335	364	402	338	377	
33	Primary metals.....	10,679	11,563	10,891	10,327	-7.6	+6.2	+5.5	10,446	10,782	10,395	10,515	10,446	8,066	
331	Blast furnaces, steel mills...	4,167	4,470	4,422	4,136	-6.8	+1.1	+6.9	4,129	4,327	4,236	4,157	4,129	3,220	
333-9	Nonferrous and other primary metals.....	5,247	5,915	5,282	5,046	-11.3	+12.0	+4.7	5,121	5,418	4,981	5,147	5,121	4,080	
34	Fabricated metal products.....	10,768	10,852	10,873	10,785	-0.8	-0.2	+0.8	9,772	10,120	10,638	11,338	9,772	8,469	
341	Metal cans, barrels, and drums	895	936	965	949	-4.4	-3.0	+1.7	767	774	805	910	767	785	
35	Machinery, except electrical....	16,169	16,845	16,192	15,713	-4.0	+4.0	+3.0	14,389	17,823	15,764	15,748	14,389	12,186	
351	Engines and turbines.....	1,116	1,090	1,148	1,068	+2.4	-5.1	+7.5	1,082	1,063	1,075	1,039	1,082	876	
352	Farm machinery and equipment..	958	1,179	1,137	1,002	-18.7	+3.7	+13.5	905	984	935	1,085	905	830	
353	Construction, mining, and material handling equipment..	2,475	2,925	2,758	2,540	-15.4	+6.1	+8.6	2,349	2,790	2,620	2,525	2,349	1,951	
354	Metalworking machinery.....	785	702	734	733	+11.8	-4.4	+0.1	693	731	713	759	693	638	
356	General industrial machinery..	1,197	1,301	1,230	1,183	-8.0	+5.8	+4.0	1,067	1,326	1,186	1,249	1,067	1,124	
357	Office and computing machines.	4,145	4,149	3,904	4,013	-0.1	+6.3	-2.7	3,188	5,755	4,135	3,896	3,188	2,611	
36	Electrical machinery.....	14,824	14,617	13,989	13,547	+1.4	+4.5	+3.3	13,663	14,437	14,147	14,150	13,663	11,042	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	1,895	2,056	1,895	1,847	-7.8	+8.5	+2.6	1,785	1,989	1,876	1,852	1,785	1,647	
363	Household appliances.....	1,486	1,221	1,269	1,287	+21.7	-3.8	-1.4	1,278	1,113	1,218	1,359	1,278	1,085	
365	Radio and TV.....	910	750	685	764	+21.3	+9.5	-10.3	747	767	800	893	747	571	
366	Communication equipment.....	4,603	4,910	4,500	4,212	-6.3	+9.1	+6.8	4,201	5,046	4,412	4,236	4,201	3,406	
367	Electronic components.....	3,290	3,218	3,243	3,074	+2.2	-0.8	+5.5	3,146	3,070	3,265	3,206	3,146	2,494	
37	Transportation equipment.....	24,240	23,296	21,838	19,874	+4.1	+6.7	+9.9	21,873	21,843	22,433	21,880	21,873	16,123	
371	Motor vehicles and parts.....	16,985	15,222	14,267	12,961	+11.6	+6.7	+10.1	15,524	13,195	14,855	14,984	15,524	9,826	
372,6	Aircraft, missiles, and parts.	5,661	6,312	6,114	5,428	-10.3	+3.2	+12.6	4,904	6,871	6,181	5,387	4,904	4,979	
3731,95	Shipbuilding and military tank vehicles.....	806	1,009	810	859	-20.1	+24.6	-5.7	723	1,091	804	863	723	754	
38	Instruments and related products	4,598	4,655	4,301	4,302	-1.2	+8.2	0.0	4,120	4,670	4,412	4,443	4,120	3,673	
381-4	Scientific and engineering instruments.....	2,688	2,637	2,473	2,528	+1.9	+6.6	-2.2	2,519	2,693	2,461	2,561	2,519	2,217	
386	Photographic goods.....	1,715	1,817	1,649	1,587	-5.6	+10.2	+3.9	1,435	1,804	1,768	1,673	1,435	1,292	
24,25, 39	All other durable goods.....	10,032	10,122	9,812	9,480	-0.9	+3.2	+3.5	8,485	9,125	9,676	10,274	8,485	7,055	
	Nondurable goods industries.....	89,742	90,524	88,838	88,562	-0.9	+1.9	+0.3	85,312	87,717	88,510	90,436	85,312	76,631	
	With unfilled orders.....	20,045	19,899	19,461	19,199	+0.7	+2.3	+1.4	18,839	19,170	19,639	19,979	18,839	16,420	
20	Food and kindred products.....	25,158	24,606	23,863	24,089	+2.2	+3.1	-0.9	23,395	24,562	24,266	24,919	23,395	21,404	
201	Meat products.....	5,903	5,753	5,490	5,292	+2.6	+4.8	+3.7	5,744	5,845	5,578	5,615	5,744	5,330	
208	Beverages.....	3,573	3,451	3,260	3,351	+3.5	+5.9	-2.7	2,994	3,106	3,299	3,532	2,994	2,831	
207	Fats and oils.....	1,491	1,359	1,455	1,526	+9.7	-6.6	-4.7	1,479	1,395	1,507	1,530	1,479	1,368	
203-6,9	All other foods.....	10,996	10,935	10,494	10,736	+0.6	+4.2	-2.3	10,149	11,164	10,724	11,090	10,149	8,988	
21	Tobacco products.....	1,293	2,044	1,660	1,540	-36.7	+23.1	+7.8	1,227	2,109	1,680	1,597	1,227	1,046	
22	Textile mill products.....	4,773	4,869	4,449	4,616	-2.0	+9.4	-3.6	4,302	4,534	4,474	4,807	4,302	3,445	
26	Paper and allied products.....	7,862	7,801	7,638	7,453	+0.8	+2.1	+2.5	7,561	7,226	7,362	7,556	7,561	6,506	
261-3,6	Pulp, paper etc.....	3,307	3,315	3,186	3,110	-0.2	+4.0	+2.4	3,120	3,086	3,150	3,124	3,120	2,699	
265	Paperboard containers.....	1,758	1,703	1,760	1,666	+3.2	-3.2	+5.6	1,654	1,538	1,697	1,754	1,654	1,470	
264	All other paper products.....	2,797	2,783	2,692	2,677	+0.5	+3.4	+0.6	2,787	2,602	2,515	2,678	2,787	2,337	
28	Chemicals and allied products..	17,356	17,023	16,938	16,935	+2.0	+0.5	0.0	16,868	16,492	15,874	16,087	16,868	13,851	
281,6	Industrial chemicals, except pigments.....	5,699	5,431	5,527	5,392	+4.9	-1.7	+2.5	5,505	5,399	5,217	5,096	5,505	4,173	
283,4	Drugs, soaps, and toiletries..	4,245	4,133	4,040	3,839	+2.7	+2.3	+5.2	3,999	4,154	3,903	3,912	3,999	3,901	
29	Petroleum and coal products....	14,974	16,296	16,063	16,274	-8.1	+1.5	-1.3	15,344	16,323	16,025	16,236	15,344	15,241	
30	Rubber and plastics products....	4,449	4,701	4,676	4,435	-5.4	+0.5	+5.4	4,148	4,221	4,436	4,715	4,148	3,901	
23,27, 31	All other nondurable goods.....	13,877	13,184	13,551	13,220	+5.3	-2.7	+2.5	12,467	12,250	14,393	14,519	12,467	11,237	
	Market categories:														
	Home goods and apparel.....	13,402	12,631	12,801	12,525	+6.1	-1.3	+2.2	11,435	10,860	13,386	14,045	11,435	9,643	
	Consumer staples.....	33,389	33,558	32,106	31,996	-0.5	+4.5	+0.3	30,887	33,569	32,714	33,143	30,887	28,498	
	Equipment and defense products, except automotive.....	26,302	28,126	26,592	25,140	-6.5	+5.8	+5.8	23,271	30,081	26,126	25,282	23,271	20,667	
	Automotive equipment.....	19,151	17,405	16,176	14,862	+10.0	+7.6	+8.8	17,381	15,032	16,620	17,074	17,381	11,335	
	Construction materials, supplies and intermediate products.....	13,948	13,901	13,997	13,780	+0.3	-0.7	+1.6	11,695	12,746	13,684	14,646	11,695	10,464	
	Other materials, supplies, and intermediate products.....	79,306	81,055	79,412	78,487	-2.2	+2.1	+1.2	77,112	77,972	77,741	79,124	77,112	66,006	
	Supplementary series: ²														
	Capital goods industries.....	30,047	31,595	29,924	28,669	-4.9	+5.6	+4.4	26,823	33,698	29,881	28,836	26,823	23,414	
	Nondefense.....	24,385	25,840	24,262	23,077	-5.6	+6.5	+5.1	21,787	27,561	24,204	23,236	21,787	18,840	
	Defense.....	5,662	5,755	5,662	5,592	-1.6	+1.6	+1.3	5,036	6,137	5,677	5,600	5,036	4,574	
	Household durable goods industries.....	6,154	5,810	5,782	5,644	+5.9	+0.5	+2.4	5,223	5,295	5,906	6,236	5,223	4,242	

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)															
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹						
		Monthly				Percent change			Monthly				Year to date		
		Jan. 1984 ^P	Dec. 1983 ^T	Nov. 1983	Oct. 1983	Dec.- Jan. ^P	Nov.- Dec. ^T	Oct.- Nov.	Jan. 1984 ^P	Dec. 1983 ^T	Nov. 1983	Oct. 1983	1984 ^P	1983	
	All manufacturing industries	190,719	188,506	185,473	181,802	+1.2	+1.6	+2.0	180,528	184,984	183,714	189,773	180,528	154,561	
	Manufacturing industries with unfilled orders.....	101,752	99,747	98,765	96,257	+2.0	+1.0	+2.6	96,993	100,600	97,641	101,201	96,993	82,192	
	Durable goods industries.....	100,854	98,157	96,513	93,366	+2.7	+1.7	+3.4	94,857	97,319	95,412	99,454	94,857	77,665	
	With unfilled orders.....	81,584	80,023	79,182	77,184	+2.0	+1.1	+2.6	77,795	81,482	78,210	81,339	77,795	65,507	
32	Stone, clay, and glass products..	4,490	4,202	4,328	4,237	+6.9	-2.9	+2.1	3,852	3,693	4,287	4,520	3,852	3,417	
33	Primary metals.....	12,698	10,669	11,787	10,906	+19.0	-9.5	+8.1	12,835	11,112	11,375	11,162	12,835	8,819	
331	Blast furnaces, steel mills...	5,847	3,730	4,659	4,725	+56.8	-19.9	-1.4	5,838	4,441	4,642	4,842	5,838	3,526	
333-9	Nonferrous and other primary metals.....	5,427	5,662	5,965	5,018	-4.2	-5.1	+18.9	5,617	5,529	5,526	5,065	5,617	4,483	
34	Fabricated metal products.....	10,901	10,619	10,836	10,518	+2.7	-2.0	+3.0	10,055	9,948	10,439	10,914	10,055	8,487	
35	Machinery, except electrical....	16,788	16,534	16,207	17,509	+1.5	+2.0	-7.4	15,841	18,207	15,908	17,582	15,841	12,001	
351	Engines and turbines.....	854	1,018	1,304	1,468	-16.1	-21.9	-11.2	948	872	1,082	1,799	948	784	
353	Construction, mining, and material handling equipment..	2,557	2,816	2,790	2,589	-9.2	+0.9	+7.8	2,414	2,779	2,669	2,579	2,414	1,852	
354	Metalworking machinery.....	801	646	776	799	+24.0	-16.8	-2.9	742	636	751	835	742	498	
356	General industrial machinery..	1,158	1,321	1,214	1,595	-12.3	+8.8	-23.9	1,171	1,308	1,132	1,653	1,171	1,079	
357	Office and computing machines.	4,636	4,139	3,588	4,574	+12.0	+15.4	-21.6	3,947	6,450	4,033	4,095	3,947	2,795	
36	Electrical machinery.....	15,672	15,920	14,645	15,075	-1.6	+8.7	-2.9	15,452	15,332	14,567	15,467	15,452	12,114	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	1,846	1,727	1,816	1,843	+6.9	-4.9	-1.5	1,832	1,609	1,759	1,832	1,832	1,525	
363	Household appliances.....	1,610	1,233	1,301	1,296	+30.6	-5.2	+0.4	1,448	1,138	1,214	1,304	1,448	1,152	
365	Radio and TV.....	847	830	664	570	+2.0	+25.0	+16.5	662	864	760	568	662	547	
366	Communication equipment.....	4,655	5,655	4,849	4,527	-17.7	+16.6	+7.1	4,884	5,622	4,676	4,779	4,884	4,044	
367	Electronic components.....	4,064	3,936	3,643	4,417	+3.3	+8.0	-17.5	4,115	3,604	3,605	4,346	4,115	2,986	
37	Transportation equipment.....	25,869	25,540	24,647	21,180	+1.3	+3.6	+16.4	24,041	25,517	24,976	25,148	24,041	21,830	
372,6	Aircraft, missiles, and parts.	6,836	8,924	7,477	6,824	-23.4	+19.4	+9.6	6,342	10,794	6,779	8,523	6,342	9,161	
3731,95	Shipbuilding and military tank vehicles.....	864	212	1,942	314	+307.5	-89.1	+518.5	880	338	2,420	441	880	1,997	
38	Instruments and related products	4,695	4,694	4,294	4,225	0.0	+9.3	+1.6	4,297	4,727	4,340	4,335	4,297	3,805	
24,25, 39	All other durable goods.....	9,741	9,979	9,769	9,716	-2.4	+2.1	+0.5	8,484	8,783	9,520	10,326	8,484	7,192	
	Nondurable goods industries.....	89,865	90,349	88,960	88,436	-0.5	+1.6	+0.6	85,671	87,665	88,302	90,319	85,671	76,896	
	With unfilled orders.....	20,168	19,724	19,583	19,073	+2.3	+0.7	+2.7	19,198	19,118	19,431	19,862	19,198	16,685	
	Market categories:														
	Home goods and apparel.....	13,389	12,815	12,825	12,389	-4.5	-0.1	+3.5	11,583	10,861	13,210	13,563	11,583	9,860	
	Consumer staples.....	33,380	33,543	32,150	31,973	+0.5	+4.3	+0.6	30,985	33,545	32,706	33,085	30,985	28,592	
	Equipment and defense products, except automotive.....	27,793	28,836	29,171	27,514	-3.6	-1.1	+6.0	26,970	32,732	28,581	29,295	26,970	25,631	
	Automotive equipment.....	19,444	17,758	16,461	15,334	+9.5	+7.9	+7.3	17,829	15,478	16,919	17,644	17,829	11,631	
	Construction materials, supplies and intermediate products.....	13,889	13,682	13,917	13,714	+1.5	-1.7	+1.5	11,796	12,398	13,563	14,422	11,796	10,541	
	Other materials, supplies, and intermediate products.....	82,824	81,872	80,949	80,878	+1.2	+1.1	+0.1	81,365	79,970	78,735	81,764	81,365	68,306	
	Supplementary series: ²														
	Capital goods industries.....	31,977	33,692	32,643	31,528	-5.1	+3.2	+3.5	30,709	37,575	32,216	33,874	30,709	29,179	
	Nondefense.....	25,421	24,852	24,575	26,003	+2.3	+1.1	-5.5	24,405	27,101	24,104	26,585	24,405	19,726	
	Defense.....	6,556	8,840	8,068	5,525	-25.8	+9.6	+46.0	6,304	10,474	8,112	7,289	6,304	9,453	
	Household durable goods industries.....	6,164	5,962	5,784	5,537	+3.4	+3.1	+4.5	5,408	5,276	5,722	5,781	5,408	4,435	

^PPreliminary. ^TRevised.¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are, as of the end of the period and are not adjusted for trading-day or calendar-month variations.²The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month				Percent change			End of month				
		Jan. 1984 ^P	Dec. 1983 ^F	Nov. 1983	Oct. 1983	Oct.- Jan. ^P	Nov.- Oct. ^F	Oct.- Nov.	Jan. 1984 ^P	Dec. 1983 ^F	Nov. 1983	Oct. 1983	Jan. 1983
	All manufacturing industries..	339,485	334,263	332,431	328,041	+1.6	+0.6	+1.3	341,847	333,100	328,379	324,937	307,683
	Durable goods industries.....	328,562	323,463	321,453	317,185	+1.6	+0.6	+1.3	330,941	322,553	317,781	314,130	298,447
32	Stone, clay, and glass products...	2,088	2,045	2,044	2,066	+2.1	0.0	-1.1	2,074	1,944	1,993	2,000	1,704
33	Primary metals.....	28,309	26,290	27,184	26,289	+7.7	-3.3	+3.4	28,876	26,488	26,158	25,178	21,043
331	Blast furnaces, steel mills.....	17,285	15,605	16,345	16,108	+10.8	-4.5	+1.5	17,579	15,870	15,756	15,351	12,375
333-9	Nonferrous and other primary metals.....	8,342	8,162	8,415	7,733	+2.2	-3.0	+8.8	8,567	8,072	7,961	7,416	6,466
34	Fabricated metal products.....	20,429	20,295	20,528	20,565	+0.7	-1.1	-0.2	20,296	20,016	20,187	20,386	21,260
35	Machinery, except electrical.....	58,882	58,266	58,573	58,556	+1.1	-0.5	0.0	59,614	58,159	57,774	57,629	55,345
351	Engines and turbines.....	14,575	14,837	14,908	14,752	-1.8	-0.5	+1.1	14,676	14,809	14,999	14,992	14,967
353	Construction, mining, and material handling equipment....	5,692	5,610	5,718	5,685	+1.5	-1.9	+0.6	5,692	5,627	5,638	5,589	5,533
354	Metalworking machinery.....	2,415	2,400	2,456	2,414	+0.6	-2.3	+1.7	2,423	2,374	2,468	2,430	2,256
356	General industrial machinery....	4,723	4,761	4,741	4,757	-0.8	+0.4	-0.3	4,751	4,647	4,665	4,719	4,647
357	Office and computing machines...	20,616	20,126	20,136	20,453	+2.4	0.0	-1.5	20,905	20,146	19,451	19,553	18,327
36	Electrical machinery.....	71,202	70,353	69,049	68,392	+1.2	+1.9	+1.0	70,958	69,166	68,274	67,856	60,681
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	6,330	6,380	6,708	6,787	-0.8	-4.9	-1.2	6,288	6,240	6,620	6,738	6,639
363	Household appliances.....	656	531	520	487	+23.5	+2.1	+6.8	632	461	436	441	374
365	Radio and TV.....	334	396	317	338	-15.7	+24.9	-6.2	311	396	300	340	382
366	Communication equipment.....	42,660	42,608	41,861	41,513	+0.1	+1.8	+0.8	42,875	42,192	41,616	41,352	39,145
367	Electronic components.....	19,776	19,002	18,284	17,883	+4.1	+3.9	+2.2	19,440	18,470	17,937	17,597	12,910
37	Transportation equipment.....	134,816	133,185	130,941	128,132	+1.2	+1.7	+2.2	136,523	134,356	130,685	128,141	127,555
372,6	Aircraft, missiles, and parts...	103,606	102,429	99,817	98,455	+1.1	+2.6	+1.4	104,725	103,286	99,366	98,767	97,533
3731,95	Shipbuilding and military tank vehicles.....	22,540	22,482	23,280	22,148	+0.3	-3.4	+5.1	22,867	22,712	23,465	21,849	23,988
38	Instruments and related products..	7,861	7,764	7,726	7,733	+1.2	+0.5	-0.1	7,831	7,654	7,597	7,669	7,108
24,25, 39	All other durable goods.....	4,975	5,265	5,408	5,452	-5.5	-2.6	-0.8	4,769	4,770	5,113	5,271	3,751
	Nondurable goods industries.....	10,923	10,800	10,978	10,856	+1.1	-1.6	+1.1	10,906	10,547	10,598	10,807	9,236
	Market categories:												
	Home goods and apparel.....	4,210	4,222	4,039	4,016	-0.3	+4.5	+0.6	3,860	3,712	3,711	3,889	3,220
	Consumer staples.....	736	745	760	716	-1.2	-2.0	+6.1	798	699	723	731	859
	Equipment and defense products, except automotive.....	196,637	195,145	194,432	191,853	+0.8	+0.4	+1.3	199,098	195,400	192,749	190,294	188,005
	Automotive equipment.....	7,981	7,688	7,335	7,050	+3.8	+4.8	+4.0	8,236	7,788	7,342	7,043	5,647
	Construction materials, supplies and intermediate products.....	12,098	12,157	12,376	12,456	-0.5	-1.8	-0.6	11,931	11,831	12,179	12,299	12,525
	Other materials, supplies, and intermediate products.....	117,823	114,306	113,489	111,950	+3.1	+0.7	+1.4	117,924	113,670	111,675	110,681	97,427
	Supplementary series: ²												
	Capital goods industries.....	237,484	235,555	233,452	230,732	+0.8	+0.9	+1.2	239,779	235,892	232,017	229,682	225,482
	Nondefense.....	124,681	123,647	124,630	124,314	+0.8	-0.8	+0.3	125,670	123,049	123,509	123,609	123,168
	Defense.....	112,803	111,908	108,822	106,418	+0.8	+2.8	+2.3	114,109	112,843	108,508	106,073	102,314
	Household durable goods industries.....	3,713	3,701	3,550	3,548	+0.3	+4.3	+0.1	3,397	3,212	3,232	3,417	2,791

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

		(Millions of dollars)											
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month				Percent change			End of month				
		Jan. 1984 ^D	Dec. 1983 ^E	Nov. 1983	Oct. 1983	Oct.- Jan. ^D	Nov.- Dec. ^E	Oct.- Nov.	Jan. 1984 ^D	Dec. 1983 ^E	Nov. 1983	Oct. 1983	Jan. 1983
	All manufacturing industries..	260,917	260,832	261,018	260,816	0.0	-0.1	+0.1	261,185	257,752	259,380	259,030	262,428
	Manufacturing industries with unfilled orders.....	177,846	178,001	177,845	177,666	-0.1	+0.1	+0.1	176,947	175,049	175,853	175,812	178,644
	Durable goods industries.....	171,268	171,470	170,964	170,628	-0.1	+0.3	+0.2	170,949	168,731	169,291	169,084	172,243
	With unfilled orders.....	155,887	156,296	156,069	156,052	-0.3	+0.1	0.0	155,421	153,928	154,709	154,800	158,163
32	Stone, clay, and glass products.....	5,630	5,723	5,722	5,724	-1.6	0.0	0.0	5,626	5,584	5,469	5,482	5,722
322	Glass containers.....	645	651	643	615	-0.9	+1.2	+4.6	625	625	631	610	631
33	Primary metals.....	18,819	19,092	19,836	19,785	-1.4	-3.8	+0.3	19,164	19,186	19,656	19,527	21,062
331	Blast furnaces, steel mills.....	8,765	9,031	9,494	9,463	-2.9	-4.9	+0.3	9,010	9,257	9,466	9,416	10,343
333-9	Nonferrous and other primary metals.....	8,835	8,840	9,141	9,119	-0.1	-3.3	+0.2	8,933	8,725	9,022	8,937	9,605
34	Fabricated metal products.....	17,601	17,763	17,641	17,347	-0.9	+0.7	+1.7	17,582	17,297	17,118	16,995	17,428
341	Metal cans, barrels, and drums...	2,095	2,130	1,947	1,752	-1.6	+9.4	+11.1	2,120	1,853	1,659	1,514	1,869
35	Machinery, except electrical.....	36,525	36,614	36,926	36,957	-0.2	-0.8	-0.1	36,503	36,136	36,697	36,647	39,520
351	Engines and turbines.....	2,037	2,011	2,044	2,115	+1.3	-1.6	-3.4	2,052	2,023	2,059	2,106	2,358
352	Farm machinery and equipment....	1,931	1,909	2,066	2,044	+1.2	-7.6	+1.1	1,949	1,860	1,936	1,915	2,010
353	Construction, mining, and material handling equipment....	6,934	6,978	7,175	7,299	-0.6	-2.7	-1.7	6,962	6,937	7,146	7,168	8,961
354	Metalworking machinery.....	2,267	2,256	2,232	2,241	+0.5	+1.1	-0.4	2,260	2,218	2,232	2,246	2,324
356	General industrial machinery....	3,435	3,575	3,652	3,641	-3.9	-2.1	+0.3	3,473	3,535	3,594	3,590	4,012
357	Office and computing machines...	9,871	9,961	9,801	9,789	-0.9	+1.6	+0.1	9,772	9,821	9,870	9,858	9,519
36	Electrical machinery.....	28,131	28,281	27,607	27,445	-0.5	+2.4	+0.6	27,746	27,665	27,236	27,239	26,221
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,169	4,120	4,055	4,090	+1.2	+1.6	-0.9	4,107	4,047	4,052	4,099	4,025
363	Household appliances.....	2,062	2,036	1,864	1,841	+1.3	+9.2	+1.2	2,029	1,965	1,750	1,757	1,800
365	Radio and TV.....	1,025	1,037	1,017	988	-1.2	+2.0	+2.9	989	994	984	971	990
366	Communication equipment.....	11,146	11,234	10,944	10,954	-0.8	+2.6	-0.1	11,076	11,037	10,920	10,925	10,024
367	Electronic components.....	5,626	5,685	5,610	5,503	-1.0	+1.3	+1.9	5,524	5,628	5,520	5,492	5,490
37	Transportation equipment.....	40,925	40,562	39,794	39,977	+0.9	+1.9	-0.5	40,757	39,950	40,108	40,134	39,737
371	Motor vehicles and parts.....	9,708	9,423	8,844	8,724	+3.0	+6.5	+1.4	9,847	9,277	9,108	8,933	8,179
372,6	Aircraft, missiles, and parts...	28,374	28,189	28,006	28,350	+0.7	+0.7	-1.2	28,036	27,697	27,989	28,290	28,315
3731,95	Shipbuilding and military tank vehicles.....	1,336	1,412	1,443	1,435	-5.4	-2.1	+0.6	1,304	1,376	1,485	1,461	1,645
38	Instruments and related products..	9,050	9,091	9,050	8,988	-0.5	+0.5	+0.7	8,991	8,801	8,879	8,838	8,990
381-4	Scientific and engineering instruments.....	6,340	6,421	6,473	6,380	-1.3	-0.8	+1.5	6,321	6,292	6,389	6,291	6,445
386	Photographic goods.....	2,164	2,128	2,077	2,097	+1.7	+2.5	-1.0	2,129	1,975	2,000	2,051	2,013
24,25, 39	All other durable goods.....	14,587	14,344	14,388	14,405	+1.7	-0.3	-0.1	14,580	14,112	14,128	14,222	13,563
	Nondurable goods industries.....	89,649	89,362	90,054	90,188	+0.3	-0.8	-0.1	90,236	89,021	90,089	89,946	90,185
	With unfilled orders.....	21,959	21,705	21,776	21,614	+1.2	-0.3	+0.7	21,526	21,121	21,144	21,012	20,481
20	Food and kindred products.....	21,058	20,825	20,775	20,859	+1.1	+0.2	-0.4	21,698	21,487	22,214	22,062	21,446
201	Meat products.....	2,175	2,083	2,019	1,968	+4.4	+3.2	+2.6	2,182	2,016	2,099	1,995	2,084
208	Beverages.....	3,372	3,289	3,246	3,258	+2.5	+1.3	-0.4	3,453	3,348	3,250	3,294	3,368
207	Fats and oils.....	1,760	1,747	1,756	2,050	+0.7	-0.5	-14.3	1,971	2,010	2,156	2,108	1,387
203-6,9	All other foods.....	12,016	11,979	11,966	11,868	+0.3	+0.1	+0.8	12,376	12,446	12,971	12,948	12,650
21	Tobacco products.....	4,216	4,273	4,461	4,507	-1.3	-4.2	-1.0	4,545	4,555	4,528	4,584	4,854
22	Textile mill products.....	6,968	6,870	7,007	7,013	+1.4	-2.0	-0.1	7,004	6,769	6,786	6,704	6,228
26	Paper and allied products.....	8,925	8,766	8,813	8,675	+1.8	-0.5	+1.6	8,782	8,607	8,643	8,488	8,398
261-3,6	Pulp, paper etc.....	3,267	3,249	3,300	3,271	+0.6	-1.5	+0.9	3,220	3,241	3,277	3,237	3,341
265	Paperboard containers.....	2,344	2,360	2,344	2,264	-0.7	+0.7	+3.5	2,316	2,297	2,260	2,194	2,184
264	All other paper products.....	3,314	3,157	3,169	3,140	+5.0	-0.4	+0.9	3,246	3,069	3,106	3,057	2,873
28	Chemicals and allied products....	19,278	19,637	19,823	19,826	-1.8	-0.9	0.0	19,544	19,552	19,612	19,366	19,781
281,6	Industrial chemicals, except pigments.....	5,806	5,869	5,910	5,941	-1.1	-0.7	-0.5	5,916	5,839	5,845	5,793	6,163
283,4	Drugs, soaps, and toiletries....	6,213	6,269	6,333	6,404	-0.9	-1.0	-1.1	6,145	6,137	6,327	6,314	6,159
29	Petroleum and coal products.....	8,360	8,208	8,430	8,686	+1.9	-2.6	-2.9	8,242	8,072	8,617	8,748	9,548
30	Rubber and plastics products.....	5,609	5,660	5,746	5,724	-0.9	-1.5	+0.4	5,680	5,580	5,545	5,564	5,737
23,27, 31	All other nondurable goods.....	15,235	15,123	14,999	14,898	+0.7	+0.8	+0.7	14,741	14,399	14,144	14,430	14,193
	Market categories:												
	Home goods and apparel.....	21,270	21,055	20,825	20,804	+1.0	+1.1	+0.1	20,927	20,289	19,752	20,078	19,756
	Consumer staples.....	32,733	32,617	32,739	32,642	+0.4	-0.4	+0.3	33,317	33,047	33,725	33,733	34,067
	Equipment and defense products, except automotive.....	73,159	73,201	73,110	73,387	-0.1	+0.1	-0.4	72,800	72,201	72,816	72,883	75,246
	Automotive equipment.....	11,901	11,590	10,955	10,740	+2.7	+5.8	+2.0	12,108	11,482	11,190	10,882	10,390
	Construction materials, supplies and intermediate products.....	18,948	19,133	19,324	19,268	-1.0	-1.0	+0.3	18,964	18,830	18,769	18,862	18,474
	Other materials, supplies, and intermediate products.....	102,906	103,236	104,065	103,975	-0.3	-0.8	+0.1	103,069	101,903	103,128	102,592	104,495
	Supplementary series: ²												
	Capital goods industries.....	83,008	83,173	82,764	83,226	-0.2	+0.5	-0.6	82,395	81,767	82,557	82,857	84,896
	Nondefense.....	65,085	65,358	65,427	65,944	-0.4	-0.1	-0.8	64,774	64,220	65,364	65,765	68,636
	Defense.....	17,923	17,815	17,337	17,282	+0.6	+2.8	+0.3	17,621	17,547	17,193	17,092	16,260
	Household durable goods industries.....	10,241	10,113	9,880	9,951	+1.3	+2.4	-0.7	10,102	9,818	9,532	9,689	9,769

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month				Percent change			End of month				
		Jan. 1984 ^P	Dec. 1983 ^T	Nov. 1983	Oct. 1983	Dec.- Jan. ^P	Nov.- Dec. ^T	Oct.- Nov.	Jan. 1984 ^P	Dec. 1983 ^T	Nov. 1983	Oct. 1983	Jan. 1983
MATERIALS AND SUPPLIES													
	All manufacturing industries..	89,263	88,268	87,510	87,132	+1.1	+0.9	+0.4	89,901	88,676	86,994	86,628	87,481
	Durable goods industries.....	52,351	51,749	51,395	51,016	+1.2	+0.7	+0.7	52,471	51,629	51,262	50,951	51,641
32	Stone, clay, and glass products...	1,848	1,856	1,896	1,903	-0.4	-2.1	-0.4	1,870	1,887	1,856	1,877	1,961
33	Primary metals.....	6,282	6,475	6,603	6,556	-3.0	-1.9	+0.7	6,446	6,723	6,689	6,591	7,800
34	Fabricated metal products.....	6,924	6,920	6,890	6,831	+0.1	+0.4	+0.9	6,941	6,856	6,712	6,726	6,784
35	Machinery, except electrical.....	10,750	10,393	10,533	10,325	+3.4	-1.3	+2.0	10,777	10,372	10,535	10,371	11,138
36	Electrical Machinery.....	7,789	7,854	7,663	7,565	-0.8	+2.5	+1.3	7,751	7,710	7,477	7,471	7,363
37	Transportation equipment.....	10,763	10,301	9,845	9,826	+4.5	+4.6	+0.2	10,689	10,151	9,982	9,812	8,816
38	Instruments and related products..	2,601	2,504	2,531	2,596	+3.9	-1.1	-2.5	2,602	2,489	2,498	2,560	2,709
24,25, 39	All other durable goods.....	5,394	5,446	5,434	5,414	-1.0	+0.2	+0.4	5,395	5,441	5,513	5,543	5,070
	Nondurable goods industries.....	36,912	36,519	36,115	36,116	+1.1	+1.1	0.0	37,430	37,047	35,732	35,677	35,840
20	Food and kindred products.....	8,252	8,283	7,932	8,150	-0.4	+4.4	-2.7	8,614	8,640	8,352	8,256	7,914
21	Tobacco products.....	3,518	3,682	3,795	3,976	-4.5	-3.0	-4.6	3,904	4,010	3,682	3,914	4,384
22	Textile mill products.....	2,142	2,091	2,186	2,230	+2.4	-4.3	-2.0	2,183	2,106	2,072	2,048	1,887
26	Paper and allied products.....	4,585	4,434	4,498	4,377	+3.4	-1.4	+2.8	4,501	4,456	4,408	4,341	4,269
28	Chemicals and allied products.....	7,771	7,644	7,651	7,501	+1.7	-0.1	+2.0	7,802	7,646	7,446	7,305	7,541
29	Petroleum and coal products.....	2,456	2,242	2,098	2,059	+9.5	+6.9	+1.9	2,344	2,148	2,094	2,145	2,487
30	Rubber and plastics products.....	2,115	2,176	2,134	2,092	-2.8	+2.0	+2.0	2,164	2,215	2,074	2,083	1,941
23,27, 31	All other nondurable goods.....	6,073	5,967	5,821	5,731	+1.8	+2.5	+1.6	5,918	5,826	5,604	5,585	5,417
WORK IN PROCESS													
	All manufacturing industries..	91,347	91,771	91,446	91,565	-0.5	+0.4	-0.1	90,949	89,874	91,168	91,320	91,111
	Durable goods industries.....	76,677	77,426	76,633	76,857	-1.0	+1.0	-0.3	76,470	75,824	76,315	76,588	76,904
32	Stone, clay, and glass products...	775	813	793	779	-4.7	+2.5	+1.8	767	749	731	725	842
33	Primary metals.....	7,153	7,316	7,376	7,497	-2.2	-0.8	-1.6	7,269	7,144	7,215	7,363	7,506
34	Fabricated metal products.....	6,024	6,186	6,120	6,031	-2.6	+1.1	+1.5	5,954	5,888	5,926	5,938	5,917
35	Machinery, except electrical.....	14,670	15,086	15,084	15,254	-2.5	0.0	-1.1	14,781	14,906	15,147	15,214	16,214
36	Electrical Machinery.....	14,876	14,937	14,556	14,533	-0.4	+2.6	+0.2	14,671	14,648	14,507	14,525	13,347
37	Transportation equipment.....	25,682	25,585	25,294	25,430	+0.4	+1.2	-0.5	25,530	25,163	25,467	25,598	26,010
38	Instruments and related products..	4,002	4,036	3,957	3,892	-0.8	+2.0	+1.7	3,988	3,891	3,912	3,838	3,915
24,25, 39	All other durable goods.....	3,495	3,467	3,453	3,441	+0.8	+0.4	+0.3	3,510	3,435	3,410	3,387	3,153
	Nondurable goods industries.....	14,670	14,345	14,813	14,708	+2.3	-3.2	+0.7	14,479	14,050	14,853	14,732	14,207
20	Food and kindred products.....	1,742	1,705	1,702	1,702	+2.2	+0.2	0.0	1,778	1,772	1,751	1,717	1,851
21	Tobacco products.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
22	Textile mill products.....	2,260	2,281	2,318	2,251	-0.9	-1.6	+3.0	2,276	2,247	2,287	2,232	2,018
26	Paper and allied products.....	1,118	1,097	1,083	1,082	+1.9	+1.3	+0.1	1,093	1,048	1,064	1,060	1,012
28	Chemicals and allied products.....	3,291	3,365	3,425	3,438	-2.2	-1.8	-0.4	3,281	3,309	3,384	3,417	3,160
29	Petroleum and coal products.....	1,585	1,477	1,618	1,809	+7.3	-8.7	-10.6	1,532	1,461	1,662	1,757	1,911
30	Rubber and plastics products.....	938	948	1,022	1,003	-1.1	-7.2	+1.9	965	938	1,023	998	1,053
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
FINISHED GOODS													
	All manufacturing industries..	80,307	80,793	82,062	82,119	-0.6	-1.5	-0.1	80,335	79,202	81,218	81,082	83,836
	Durable goods industries.....	42,240	42,295	42,936	42,755	-0.1	-1.5	+0.4	42,008	41,278	41,714	41,545	43,698
32	Stone, clay, and glass products...	3,007	3,054	3,033	3,042	-1.5	+0.7	-0.3	2,989	2,948	2,882	2,880	2,919
33	Primary metals.....	5,384	5,301	5,857	5,732	+1.6	-9.5	+2.2	5,449	5,319	5,752	5,573	5,756
34	Fabricated metal products.....	4,653	4,657	4,631	4,485	-0.1	+0.6	+3.3	4,687	4,553	4,480	4,331	4,727
35	Machinery, except electrical.....	11,105	11,135	11,309	11,378	-0.3	-1.5	-0.6	10,945	10,858	11,015	11,062	12,168
36	Electrical Machinery.....	5,466	5,490	5,388	5,347	-0.4	+1.9	+0.8	5,324	5,307	5,252	5,243	5,511
37	Transportation equipment.....	4,480	4,676	4,655	4,721	-4.2	+0.5	-1.4	4,538	4,636	4,659	4,724	4,911
38	Instruments and related products..	2,447	2,551	2,562	2,500	-4.1	-0.4	+2.5	2,401	2,421	2,469	2,440	2,366
24,25, 39	All other durable goods.....	5,698	5,431	5,501	5,550	+4.9	-1.3	-0.9	5,675	5,236	5,205	5,292	5,340
	Nondurable goods industries.....	38,067	38,498	39,126	39,364	-1.1	-1.6	-0.6	38,327	37,924	39,504	39,537	40,138
20	Food and kindred products.....	11,064	10,837	11,141	11,007	+2.1	-2.7	+1.2	11,306	11,075	12,111	12,089	11,681
21	Tobacco products.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
22	Textile mill products.....	2,566	2,498	2,503	2,532	+2.7	+1.3	-1.1	2,545	2,416	2,427	2,424	2,323
26	Paper and allied products.....	3,222	3,235	3,232	3,216	-0.4	+0.1	+0.5	3,188	3,103	3,171	3,087	3,117
28	Chemicals and allied products.....	8,216	8,628	8,747	8,887	-4.8	-1.4	-1.6	8,461	8,597	8,782	8,644	9,080
29	Petroleum and coal products.....	4,319	4,489	4,714	4,818	-3.8	-4.8	-2.2	4,366	4,463	4,861	4,846	5,150
30	Rubber and plastics products.....	2,556	2,536	2,590	2,629	+0.8	-2.1	-1.5	2,551	2,427	2,448	2,483	2,743
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

^PPreliminary. ^TRevised. (S) Suppressed because data do not meet Census Bureau publication standards.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio ¹			
		Jan. 1984 ^P	Dec. 1983	Nov. 1983	Oct. 1983	Jan. 1984 ^P	Dec. 1983	Nov. 1983	Oct. 1983
	All manufacturing industries.....	1.41	1.40	1.44	1.48	3.52	3.41	3.52	3.60
	Durable goods industries.....	1.79	1.78	1.85	1.93	4.30	4.15	4.29	4.40
32	Stone, clay, and glass products.....	1.27	1.36	1.32	1.36	0.51	0.53	0.52	0.54
33	Primary metals.....	1.76	1.65	1.82	1.92	2.65	2.27	2.50	2.55
34	Fabricated metal products.....	1.63	1.64	1.62	1.61	2.07	2.05	2.07	2.09
35	Machinery, except electrical.....	2.26	2.17	2.28	2.35	3.87	3.72	3.89	3.98
36	Electrical machinery.....	1.90	1.93	1.97	2.03	4.80	4.81	4.94	5.05
37	Transportation equipment.....	1.69	1.74	1.82	2.01	11.30	10.65	11.20	11.95
38	Instruments and related products.....	1.97	1.95	2.10	2.09	1.71	1.67	1.80	1.80
	Nondurable goods industries.....	1.00	0.99	1.01	1.02	0.54	0.54	0.56	0.57
20	Food and kindred products.....	0.84	0.85	0.87	0.87	(X)	(X)	(X)	(X)
21	Tobacco products.....	3.26	2.09	2.69	2.93	(X)	(X)	(X)	(X)
22	Textile mill products.....	1.46	1.41	1.57	1.52	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products.....	1.14	1.12	1.15	1.16	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products.....	1.11	1.15	1.17	1.17	(X)	(X)	(X)	(X)
29	Petroleum and coal products.....	0.56	0.50	0.52	0.53	(X)	(X)	(X)	(X)
30	Rubber and plastics products.....	1.26	1.20	1.23	1.29	(X)	(X)	(X)	(X)

^PPreliminary. ^RRevised. (X) Not applicable. (NA) Not available.¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Jan. 1983	All Jans. 1979- 1983	Jan. 1983- Dec. 1983	Year ago Jan. 1983	All Jans. 1979- 1983	Jan. 1983- Dec. 1983	Year ago Jan. 1983	All Jans. 1979- 1983	Jan. 1983- Dec. 1983	Year ago Jan. 1983	All Jans. 1979- 1983	Jan. 1983- Dec. 1983
	All manufacturing industries.	0.3	0.3	0.2	0.1	0.4	0.3	0.1	0.1	0.1	0.2	0.2	0.1
	Durable goods industries	0.4	0.4	0.3	0.3	0.7	0.6	0.0	0.1	0.2	0.0	0.0	0.1
32	Stone, clay, and glass products..	2.2	1.8	0.9	2.2	1.8	1.2	0.1	1.4	1.3	0.9	0.6	0.6
33	Primary metals	1.0	1.0	1.2	0.4	1.3	1.4	0.5	0.5	0.4	0.0	0.3	0.2
34	Fabricated metal products	3.4	1.2	1.1	2.6	1.6	1.8	0.4	0.3	0.4	0.2	0.3	0.3
35	Machinery, except electrical	1.8	1.1	1.0	0.2	0.9	1.1	0.4	0.3	0.2	0.1	0.2	0.3
36	Electrical machinery	0.4	0.3	0.6	0.2	0.5	1.2	0.0	0.1	0.2	0.2	0.1	0.2
37	Transportation equipment	0.7	1.1	0.7	0.7	2.9	1.9	0.0	0.4	0.3	0.0	0.3	0.2
38	Instruments and related products.	0.4	0.4	0.6	1.2	1.0	1.2	0.9	1.7	0.5	1.3	0.6	0.4
	Nondurable goods industries	0.1	0.2	0.3	0.1	0.3	0.3	1.4	0.7	0.6	0.5	0.5	0.3
20	Food and kindred products	0.2	0.9	0.4	(X)	(X)	(X)	(X)	(X)	(X)	0.7	0.4	0.6
21	Tobacco products	2.1	2.9	0.8	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.9	0.2
22	Textile mill products	2.2	2.1	1.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.7	0.3	0.7
26	Paper and allied products	3.2	1.7	0.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.7	0.6	0.5
28	Chemicals and allied products ...	1.0	1.0	1.2	(X)	(X)	(X)	(X)	(X)	(X)	0.5	0.8	0.4
29	Petroleum and coal products	1.1	1.5	0.9	(X)	(X)	(X)	(X)	(X)	(X)	2.4	1.4	0.7
30	Rubber and plastics products	0.3	3.0	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.7	1.5	0.7
	Capital Goods Industries:												
	Nondefense.....	1.1	1.0	0.8	2.2	2.4	1.7	0.3	0.3	0.2	0.0	0.1	0.2
	Defense.....	0.0	1.4	1.2	2.6	3.7	3.1	0.3	0.3	0.3	0.1	0.3	0.5

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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